

WHAT IS CLAIMED IS:

1. A work space control apparatus for controlling an activity which has been conducted by an object in a work space as history, the apparatus comprising:

detection means for detecting an activity event conducted by the object in the work space;

activity event control means for saving the activity event detected while the activity event detected is made to be related to the time and place of the activity for each object; and

activity event display means for displaying the saved activity event by displaying the saved object.

2. A work space control apparatus for controlling an activity which has been conducted by an object in a work space as history, the apparatus comprising:

detection means for detecting an activity event conducted by the object in the work space;

activity event control means for saving the an activity event detected while the detected activity event can be referred from the other object for each object of the activity event; and

activity event display means for displaying a plurality of the saved activity events by displaying the

object when the saved activity events are traced by referring to the other object.

3. The work space control apparatus according to claim 1, further comprising:

actual body acquiring means for acquiring actual body information of the object of the activity according to the activity event saved by the activity event control means.

4. The work space control apparatus according to claim 1, wherein

the activity event control means saves the detected activity event while the detected activity event can be referred from the other object for each object of the activity event being accompanied by the information of the activity time, and

the activity event display means displays a plurality of the saved activity events in a time series.

5. The work space control apparatus according to claim 1, wherein

the activity event display means displays an activity event by displaying objects arranged in a positional relation based on the degree of relation between the objects.

6. The work space control apparatus according to claim 1, further comprising:

a capture input means for photographing captured data of the activity conducted in the work space, wherein

the activity event control means controls the captured data corresponding to the activity event so as to supply captured data as a display output corresponding to the activity event.

7. The work space control apparatus according to claim 1, wherein

the detection means detects a change in a set of the user objects in the activity event, and

the activity event control means saves an activity as a different activity event each time the change is detected.

8. The work space control apparatus according to claim 3, further comprising:

an object access means for starting a predetermined processing motion responding to that the actual body acquiring means has made access to actual body information of an object.

9. The work space control apparatus according to claim 1, further comprising:

warning means for outputting a warning to a user when a predetermined state is detected by the detection means.

10. The work space control apparatus according to claim 1, wherein

the object includes a document used in the work space.

11. A work space control system for controlling an activity which has been conducted by an object in a work space as history, the system comprising:

a detection device for detecting an activity event conducted by the object in the work space;

a work space history saving device for saving a detected activity event for each work space of the activity event;

an object history saving device for saving an activity event for each object of the activity event responding to that the activity event is detected; and

an activity event display device for displaying a plurality of the saved activity events by displaying the objects when the saved activity events are traced while the other objects are being referred.

12. The work space control system according to claim 11, wherein

the activity event display device displays an activity event by displaying an object arranged in a positional relation according to the degree of relation between objects.

13. An activity history control apparatus for controlling an activity which has been conducted by an object in a work space as history, the apparatus comprising:

a detecting device for detecting each time an activity event conducted by the object in the work space; and

a saving device for saving the detected activity event while the detected activity event can be referred from the other object for each object of the activity event.

14. An activity history control apparatus for controlling an activity which has been conducted by an object in a work space as history, the apparatus comprising:

a detecting device for detecting each time an activity event conducted by the object in the work space; and

a saving device for saving the detected activity event while the detected activity event can be referred from the

other activity events for each work space of the activity event.

15. An activity event display apparatus for displaying and outputting history of an activity which has been conducted by an object in a work space, the apparatus comprising:

an acquiring device for acquiring information of an activity event from a memory for saving the activity event conducted by an object in the work space while the activity event can be referred from the other objects for each object of the activity event; and

a displaying device for displaying a plurality of activity events are displayed by the display of the object when the activity event is traced while referring to the other objects.

16. A program for realizing the processing to a computer to control an activity which is conducted by an object in a work space as history, the program comprising:

detecting each time an activity event conducted by the object in the work space; and

saving the detected event while the detected event can be referred from the other objects for each object of the activity event.

17. A program for realizing the processing to a computer to control an activity which is conducted by an object in a work space as history, the program comprising:

detecting each time an activity event conducted by the object in the work space; and

saving the detected event while the detected event can be referred from the other activity events for each work space of the activity event.

18. A program for realizing the processing to a computer to display and output the history of an activity which is conducted by an object in a work space, the program comprising:

acquiring information of an activity event from a memory for saving the activity event conducted by the object in the work space while the activity event can be referred from the other objects for each object of the activity event; and

displaying a plurality of activity events by the display of the object when the activity event is traced referring to the other objects.

19. A method of controlling a work space by which an activity conducted by an object in the work space is controlled as history, the method comprising:

detecting an activity event conducted by the object in the work space;

saving the detected object for each object of the activity event being related to the time and place; and

displaying the saved activity event by the display of the object.

20. A method of controlling a work space by which an activity conducted by an object in the work space is controlled as history, the method comprising:

detecting an activity event conducted by the object in the work space;

saving the detected object while the detected object can be referred from the other objects for each object of the activity event; and

displaying a plurality of the saved activity events by the display of the object when the saved activity event is traced referring to the other objects.

21. A method of controlling a work space by which an activity conducted by an object in the work space is controlled as history, the method comprising:

detecting an activity event conducted by the object in the work space;

saving an activity event detected being accompanied by the activity time information while the activity event can be referred from the other objects for each object of the activity event, wherein

when the saved activity event is traced referring to the other objects, a plurality of the saved activity events are displayed by the display of the object in a time series.